

High Availability

Monitor, Report, Control!

- Climatic & environmental effects
- Fire & earthquake
- Power fluctuations
- Power failure
- Unauthorised access



High Availability

Monitor, Report, Control!

Investments in data and network technology are not insignificant by any means. Knürr technical solutions provide the corresponding answer to every question with regard to monitoring, reporting and controlling of data and network components.


Network designers, providers and operators must be able to access a technically mature, well-coordinated and future-oriented product range. Knürr provides a complete solution concept to formulate a central and operation-reliable monitoring, control and regulation on the basis of a differentiated indicator procedure. This is implemented in order to prevent costly hardware and software downtime and damage.



Rack monitoring RMScompact®

- Heat & cold
- Humidity & dryness
- Water
- Fire & smoke
- Ventilation & airflow
- Vibration
- Door entry sensing
- Alarm signalling
- Regulations & controls

Damage prevention via monitoring and controlling



Sensor system Temperature

- Cold
- Heat
- Fire



Sensor system Smoke detector

- Fire
- Environment
- Internal rack space




Sensor system Humidity detector

- Damp
- Water ingress



Sensor system Vibration

- Earthquake
- Accidents
- Vandalism



Envision TFT Drawer

- Monitoring
- Check up
- Administration
- Control

Space-saving operating in the 19" rack



Administration KVM-Switch (KeyboardVideoMouse)

- Control
- Secure remote access
- Plug & work installation

Central control of global data center



Access security QLock®

- Mechanical
- Electronic
- Combi-lock

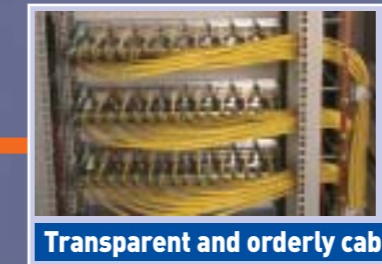
Modern access management



Rack systems Miracel

- Modular, flexible
- Rack technology as a comprehensive solution


Network racks • Server racks



Data security Cabling

- Dimensioning
- Planning
- Transparency

Transparent and orderly cable management



Uninterruptible power supply UPS with...

- Power failure
- Power fluctuations
- Maintenance work


Reliable, safe, user-friendly



Socket strips DI-STRIP®

- Distribution
- Surge protection
- Mains filter
- 1- and 3-phase, 16 A


Highly available power distribution



Power distribution BladePower® PDU

- Distribution for 2 BladeCenter
- Ideal for redundancies
- Individually fused
- 1- and 3-phase, 32 A

Power distribution extra for blades



Top fan cover CoolBlast® T

- No hot spots
- Temperature controlled
- Foreign object protection

Active Cooling



Fan unit CoolBlast®

- No heat build-up
- Exhaust air regulation
- Integrated filter

Forced cooling for electronics



CoolTherm® Excellence

Expertise in the DataCenter

World-wide
... and close
to the
customer

If you want to build an excellent platform for server cabinets, you need more than just pre-formed parts, side panels and doors. Above all you need passion, experience and stamina. Because what really makes CoolTherm® stand out is ideas.

Excellence in ideas:

CoolTherm® provides the best cooling performance in its class. It stands out from its competitors. In many respects, even in the design. The IF Award 2006 is the reward for its concept and architectural design.

Excellence in technology:

Peak performance for IT applications through a perfect cooling strategy using V35 heat exchangers. An enormous amount of heat, up to 35 kW, is dissipated using cooling water – but without emitting any heat into the ambient air!

Excellence in handling:

Safe and reliable – CoolTherm® is an autonomous server cabinet with redundant high-performance power distribution for supplying the servers. User-friendly and optimised for maintenance. Security against leaks is constantly guaranteed.



Excellence in value:

CoolTherm® convincingly combines ease of installation and maintenance with maximum cost-effectiveness. Enormous space savings in the computer center and at the same time a reduction in the requirements for room and building (air conditioning, false floor, room height).

Get to know its excellence by watching it in real-time operation. Be inspired. By CoolTherm® – scaled in various performance classes up to 35 kW.



optimised blade server



knürr
environments for electronics

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